WHAT IS CLAIMED IS:

A motor apparatus including:
a motor having a drive shaft;

first damper means mounted on the drive shaft of said motor, said first damper means reducing vibration caused during acceleration for raising up to a target speed from the start of the driving of said motor; and

second damper means mounted on the drive shaft of said motor, said second damper means reducing vibration caused during the constant speed driving of said motor.

2. A motor apparatus according to Claim 1, wherein said first damper means is a rubber damper, and said second damper means is a magnet damper.

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- 3. A motor apparatus according to Claim 2, wherein said rubber damper comprises rubber mounted on the drive shaft of said motor, and an inertia member mounted on said rubber, and said magnet damper comprises a magnet mounted on an iron hub mounted on the drive shaft of said motor, through a rulon.
- 4. A motor apparatus according to Claim 2, wherein said first damper means is a damper effective at a frequency vibrated and attenuated with the characteristic of a load by impulse response at the start of acceleration.

- 5. A motor apparatus according to Claim 3, wherein said magnet damper is mounted so that during acceleration, inertia applied to the motor shaft may be small and during a constant speed, sufficient inertia may be applied to the motor shaft.
- 6. A motor apparatus according to Claim 1, wherein as compared with said first damper means, said second damper means is great in inertia.

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7. A motor apparatus according to Claim 1, wherein said motor is used as a motor for driving the moving mechanism of an image reading apparatus.

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- 8. A motor apparatus for driving the movable member of an image reading apparatus, including:
- a moving mechanism for driving a movable member for image reading;
- a motor for driving said moving mechanism, said motor having a drive shaft;
 - a rubber damper as first damper means mounted on the drive shaft of said motor, said rubber damper reducing vibration caused during acceleration for raising up to a target speed from the start of the driving of said motor; and
- a magnet damper as second damper means mounted on the drive shaft of said motor, said magnet damper

reducing vibration caused during the constant speed driving of said motor.

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